



2025 Summer Study on Energy Efficiency in Industry

Track 1 Description: Grids, Pipelines, and Funding

States, utilities, and other energy providers are key partners in industrial competitiveness. Their financial and technical assistance complements the resources of manufacturers, large and small. The federal government also supports industry through evolving energy strategies, for example via the Department of Energy's manufacturing institutes, and the EPA's ENERGY STAR for Industry program.

In this track, we'll review how industry is working with utilities, states, and the federal government to enhance energy infrastructure to meet evolving needs of affordability, reliability, resilience, and efficiency. We'll highlight how cross-industry collaboration is a critical component to meet these objectives as the societal demand for energy continues to grow and the energy supply mix continues to evolve. Achieving long-term energy and operational goals demands a multi-pronged approach, one that requires a variety of energy supplies and resources.

This track also seeks to promote cross-industry knowledge sharing about strategies and approaches from successful implementations of novel solutions. We'll highlight lessons learned from efforts that initially showed promise but have been met with significant challenges that still need to be overcome.

The topics we will cover include:

- Utility programs, including efficiency initiatives, flexible consumption, distributed energy resources, and other demand-side management support
- Electricity adequacy
- Rate reforms
- Future of gas
- Market barriers and solutions to overcome barriers
- Applications of alternative fuels, such as hydrogen
- Energy storage and grid modernization efforts
- Case studies from industrial demonstrations of novel technologies or approaches
- State programs, including grants, tax breaks, economic development, and workforce development
- Federal support, including grants, tax breaks, technical assistance, and regulation
- Expanding program access (across workforce, scale, and geographies)

We're looking for presentations that include specific industrial use cases.